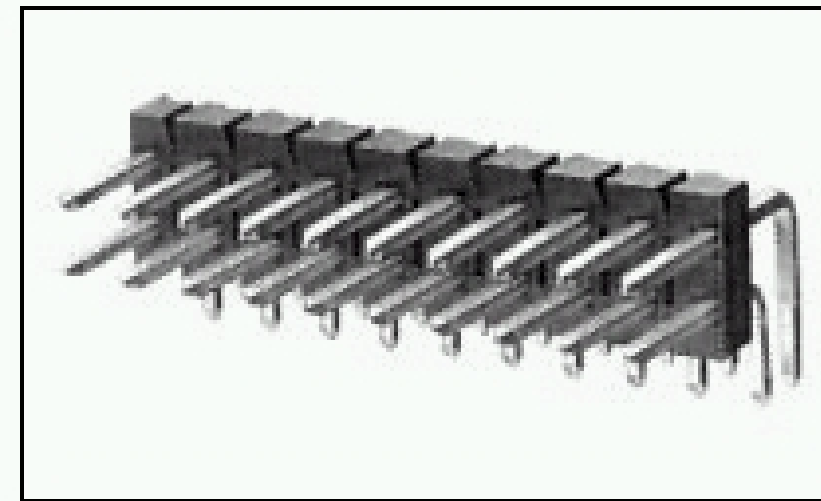


6-102975-0 Product Details

[Live Product Chat](#)



6-102975-0

TE Part Number: 6-102975-0

✔ Active

[Add to Part List](#)

[View 3D PDF](#)

.100 inch AMPMODU Headers

✔ Always EU RoHS/ELV Compliant ([Statement of Compliance](#))

Product Highlights:

- Header
- Header Type = Breakaway
- Number of Rows = Dual
- Number of Positions = 20
- Mating Post Length = 8.08 mm

[View all Features](#) | [Find Similar Products](#)

Quick Links

- ▶ [Check Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

Documentation & Additional Information

Product Drawings:

- [HEADER ASSY, MOD II, BREAKAWAY, DOUBLE ROW, .100X.10...](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: ([CAD Format & Compression Information](#))

- [2D Drawing](#) (DXF, Version F1)
- [3D Model](#) (IGES, Version F1)
- [3D Model](#) (STEP, Version F1)

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- [Product Type](#) = Header
- [Number of Positions](#) = 20
- [Mount Angle](#) = Right Angle
- [PCB Retention Feature](#) = No
- [Surface Mount Compatible](#) = No
- [Board Standoff](#) = Without
- [Mounting Ears](#) = Without
- [Mating Connector Lock](#) = Without
- [Post Size \(mm \[in\]\)](#) = 0.64 [.025]
- [Comment](#) = Headers may be broken to desired number of positions using Hand Tool No. 91406-1, or Tool Kit No. 314818-1. Other tail lengths are available, consult Tyco Electronics.

Mechanical Attachment:

- [Mating Post Length \(mm \[in\]\)](#) = 8.08 [0.318]
- [Panel Attachment](#) = Without

Electrical Characteristics:

- [Current Rating \(Amps.\)](#) = 3
- [Insulation Resistance \(MΩ\)](#) = 5,000
- [Dielectric Withstanding Voltage \(V\)](#) = 750

Termination Related Features:

- [Termination \(Solder\) Post Length \(mm \[in\]\)](#) = 2.79 [0.110]
- [Solder Tail Contact Plating](#) = Tin over Nickel

Body Related Features:

- [Header Type](#) = Breakaway
- [Number of Rows](#) = Dual
- [Centerline, Matrix \(mm \[in\]\)](#) = 2.54 x 2.54 [.100 x .100]
- [Selectively Loaded](#) = No
- [Mount Type](#) = PC Board

Contact Related Features:

- [Contact Mating Area Plating Material](#) = Gold (15)
- [Contact Shape](#) = Square
- [Contact Material](#) = Phosphor Bronze
- [Approved Standards](#) = UL E28476, CSA LE7189

Housing Related Features:

- [Housing Material](#) = Thermoplastic
- [Housing Flammability Rating](#) = UL 94V-0

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
- [RoHS/ELV Compliance History](#) = Always was RoHS compliant

Conditions for Usage:

- [High Temperature Housing](#) = No
- [Operating Temperature \(°C\)](#) = -65 - +105

Operation/Application:

- [High Speed Serial Data Connector](#) = No

Other:

- [Brand](#) = Tyco Electronics